

Section III

RIGGING TRUCK WITH RADAR JAMMING SYSTEM (RJS)**2-21. Description of Load**

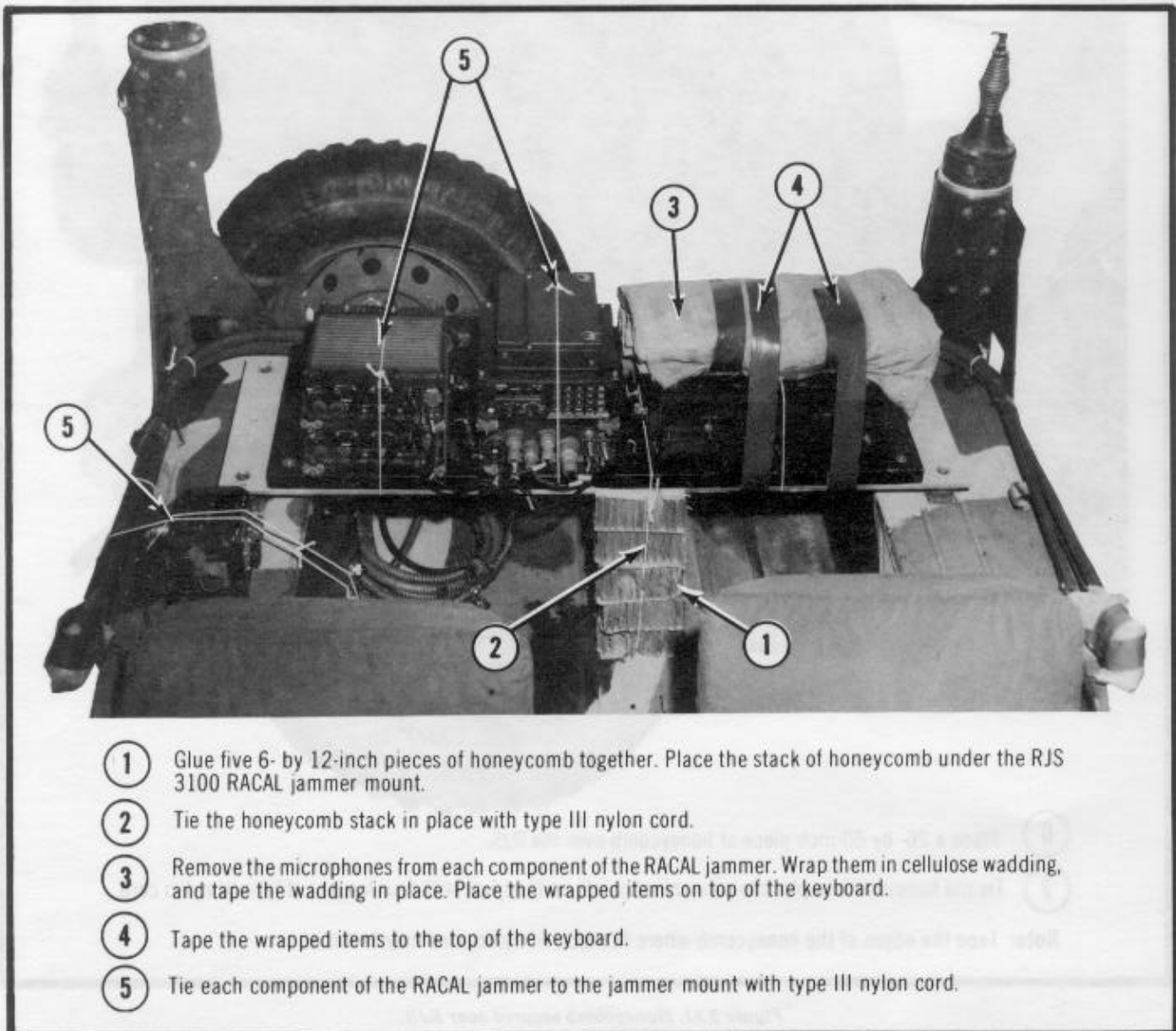
The M151, 1/4-ton truck is rigged with the radar jamming system 3100 RACAL jammer stowed in the rear of the truck. The truck and RJS are rigged on an 8-foot, type II modular platform for low-velocity airdrop. It requires one G-11A, one G-11B, or three G-12D cargo parachutes and other items of airdrop equipment.

2-22. Preparing and Rigging Truck

Prepare and rig the truck according to section I.

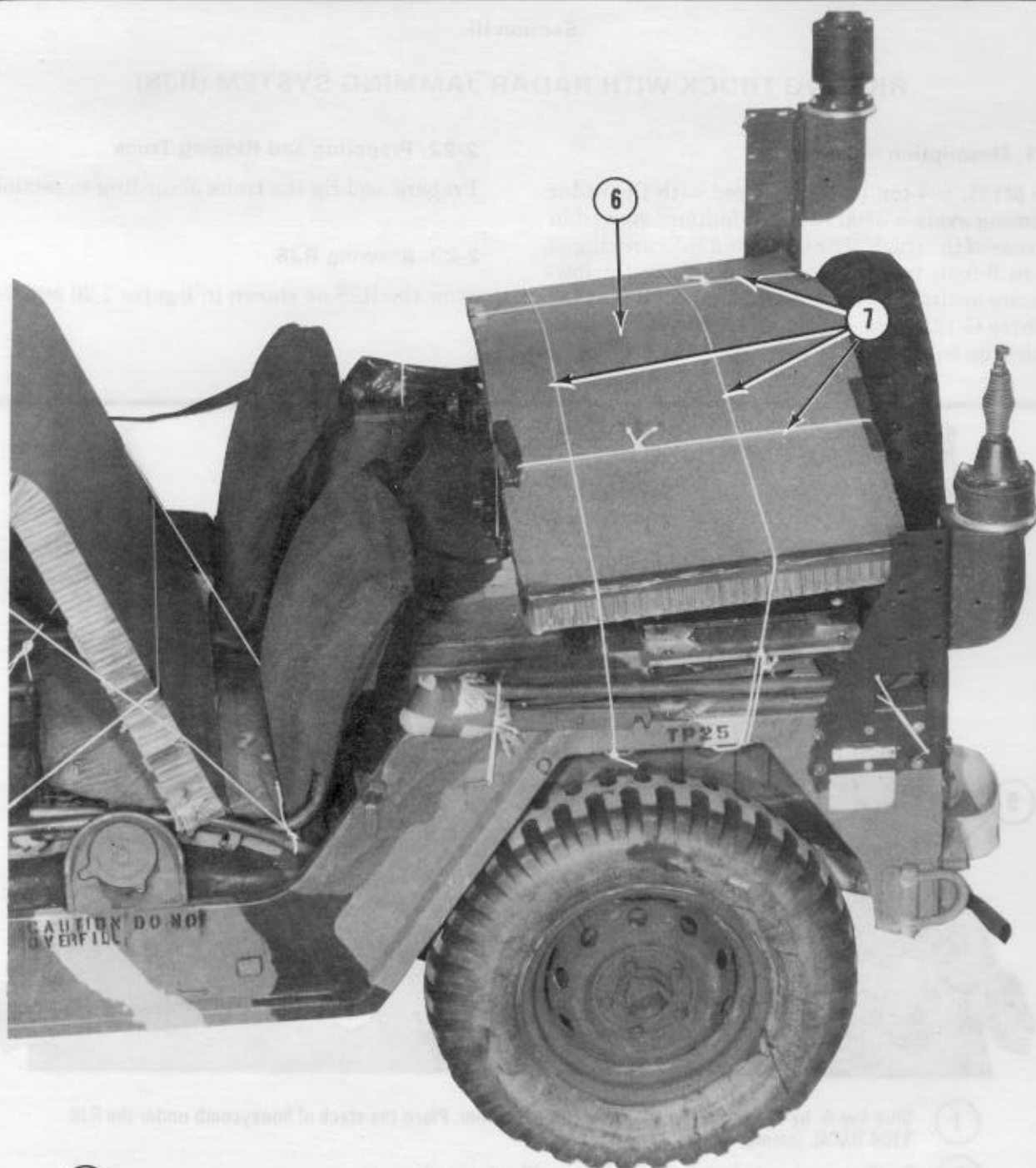
2-23. Stowing RJS

Stow the RJS as shown in figures 2-20 and 2-21.



- 1 Glue five 6- by 12-inch pieces of honeycomb together. Place the stack of honeycomb under the RJS 3100 RACAL jammer mount.
- 2 Tie the honeycomb stack in place with type III nylon cord.
- 3 Remove the microphones from each component of the RACAL jammer. Wrap them in cellulose wadding, and tape the wadding in place. Place the wrapped items on top of the keyboard.
- 4 Tape the wrapped items to the top of the keyboard.
- 5 Tie each component of the RACAL jammer to the jammer mount with type III nylon cord.

Figure 2-20. RJS secured.



- ⑥ Place a 26- by 60-inch piece of honeycomb over the RJS.
- ⑦ Tie the honeycomb in place to convenient points on the truck with four lengths of type III nylon cord.

Note: Tape the edges of the honeycomb where the type III nylon cord may touch it.

Figure 2-21. Honeycomb secured over RJS.

2-24. Marking Rigged Load

Mark the rigged load according to FM 10-500/TO 13C7-1-5 and as shown in table 2-4. Complete DD Form 1387-2, and securely attach it to the load. Indicate on DD Form 1387-2 that the fuel tank and the battery have been prepared according to AFR 71-4/TM 38-250. If the load varies, the weight, height, center of balance, and parachute requirements must be computed.

Note: When rigging this load for airdrop on a drop zone with ground elevation of 6,000 to 10,000 feet, add 3 inches to the height listed in table 2-4.

Table 2-4. Rigged load data for truck with RJS

Rigged Load Data	
Weight	3,560 pounds
Height	89 inches
Width	108 inches
Length	133 inches
Overhang:	
Front	23 inches
Rear	14 inches
Center of Balance (from front edge of platform)	50 inches
Extraction System	PEFTC or SL/CS

2-25. Equipment Required

The equipment required to rig this load is the same as that in section I with the additions listed in table 2-5.

Table 2-5. Additional equipment required for rigging truck with RJS.

National Stock No	Item	Quantity	
		G-11A or G-11B	G-12D
1670-00-753-5928	Pad, energy-dissipating, honeycomb,		
	3- by 6- by 12-in	5	5
	3- by 26- by 60-in.....	1	1